

PO No	Supplier	Line No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit
P0039606	AC1001-VC	1		1 Net 30	M6061TB2 000X3 000	6061TB Bar 2.000 X 3.000 MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft				12	4/20/2018	12	S061728	Stock	4/17/2018	S 18.77 / ft	
		2			M6061T6R1 125	6061 Round Bar 1.125 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- A-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft							S061729	Stock	4/17/2018	S 3.87 / ft	
		3			M6061T6R0 625	6061-T6 Round Bar .625" MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- A-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft				60		60	S061730	Stock	4/17/2018	S 1.00 / ft	
		5			M304B0 250X4 000	304 Bar .250 X 4.00 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft				24		24	S061731	Stock	4/17/2018	S 10.06 / ft	
Total:										108							
										108							

DART
AEROSPACE

Dart Aerospace Ltd.
1270 Aberdeen St.
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

Supplier:

AC1001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

Ship To:

1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Items

PO No: PO039606
PO Date: 4/13/18
Due Date: 4/20/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal/Phone: clavoie@dartaero.com
Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments: quote no. 0097800

PURCHASE ORDER
PO039606

Line	Item	Part	Supplier	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	M6061T6B2.000X3.000			6061T6 Bar 2.000 X 3.000 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ- A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ- A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	4/20/18	12 ft	0 ft	12 ft	\$18.765833/ft	\$225.19
								12'		DAS 71 9-89 APR 17 2018	
2	M6061T6R1.125			6061 Round Bar 1.125 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	4/20/18	12 ft	0 ft	12 ft	\$3.87/ft	\$46.44
								12'		DAS 71 9-89 APR 17 7:48	
3	M6061T6R0.625			6061-T6 Round Bar .625" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	4/20/18	60 ft	0 ft	60 ft	\$0.9961666/ft	\$59.77
								60'		DAS 71 9-89 APR 17 4:10	

APR 17 2018
DAS
11
9-89

APR 17 2018
DAS
11
9-89

APR 17 2018
DAS
11
9-89

APR 13 2018
E-MAILED

Items									
Line Item	Part	Supplier	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)
4	MT-1144-H0.625		AISI 1144 Stressproof Steel Hex Bar 0.625"	Firmed	4/20/18	6 ft	0 ft		\$18.33333/ft
									\$110.00
5	M304B0.250X4.000		304 Bar .250 X 4.00 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	4/20/18	24 ft	0 ft		\$10.0625/ft
									\$241.50
Grand Total:									\$682.90

Order Notes									
Procurement Quality Clauses									
A005 right of entry									
A012 chemical and physical test report									
A016 personnel qualification									
A017 raw material identification (as applicable)									
A026 certification of material conformance									
A041 quality management system									
A042 dart notification by supplier									
A043 retention of quality documents									
A048 counterfeit parts avoidance, detection, mitigation and disposition program									
A049 supplier awareness									
Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.darttaerospace.com for further explanation.									

Plex 4/13/18 2:42 PM dart.lavoie.chantal



ACIER OUELLETTE INC.
935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl.: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl.: 514-336-4246 Ext.: 866-456-4242

SOU0097800

Customer No

CL10001056

Date

2018/04/09

Revision No

0

Prices valid until

2018/04/16

Your Order No

Josianne Bourdon

Salesman

JOSIANNE

Carrier

QUELLE SDV

Credit Terms

Net 30 Days

Page

1

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

At : CHANTAL LAVOIE Tél.: 613-632-5200

Product No and description	Weight	Qty U/M	Qty U/M	Price	Pcs Nb	Price	Amount
----------------------------	--------	---------	---------	-------	--------	-------	--------

FLAT ALU 2 X 3 6061-T6 *	84.67	12.00	PI \$CLB	12.00	PI	1.00	225.190
FAL-23	2560						
1 X 12' STOCK							
ROUND ALU 1 1/8 6061-T6 *	14.00	12.00	PI \$CLB	12.00	PI	1.00	46.440
RAL-118	5124						
1 X 12' 2-3 DAYS							
COUPE A LA SCIE							
SCIE	1						
ROUND ALU 5/8 6061-T6 *	21.66	60.00	PI \$CLB	60.00	PI	3.00	19.923
RAL-58	5169						
3 X 20' STOCK							
ROUND 17-4 H1025 1 3/8" DIA	0.00	1.00	UN	1.00	UN	0.00	
N							
1 X 6' M 17-4 H1025-R1.375							
HEXAGONE 1144 5/8"	1.00	1.00	UN	1.00	UN	1.00	110.000
1 X 6' 5-6 DAYS							
N							
FLAT SS 1/4 X 4 SS304 (R)	81.60	24.00	PI \$CLB	24.00	PI	2.00	120.750
FSS-144	3522						
2 X 12' R/L STOCK							
SURCHARGE ENERGÉTIQUE							
FRAIS_ENERGÉTIQUE							
\$							

Total Weight (Lbs)

201.93

Important

This offer is based on the availability, the price of material can change without notice in function

of the evolution of the current market prices.

This offer is subject to credit approval.

Approved and Accepted by :

Date :

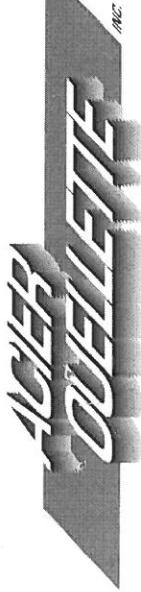
Total (\$CAD)

776.14

Sub-total

686.85

TVH-13 . . 89.29



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - CLIENT

Copy CO00083853

Customer N°

CLI0001056

Date

2018/04/13

Delivery date

2018/04/17

Your order N°

39606

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Instruction F-M

Delivery Route 5

Credit Terme

Net 30 Days

Salesman

Processed by

Josianne Bourdon

Carrier

OUELLETTE VALLEYFIELD

Page

1

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
1 FLAT ALU 2 X 3 6061-T6 * FAL-23 1 X 12' LINE 1 HEAT: 65215	84.67	12.00	PI_\$CLB		1 X 12'		12'		APR 17 2018	DAS 11-89
2 ROUND ALU 1 1/8 6061-T6 * RAL-118 1 X 12' LINE 2 HEAT: 200238076 COUPE A LA SCIE SCIE 1	14.00	12.00	PI_\$CLB		1 X 12'		12'		APR 17 2018	DAS 11-89
3 ROUND ALU 5/8 6061-T6 * RAL-58 3 X 20' LINE 3	21.66	60.00	PI_\$CLB		3 X 20'		60'		APR 17 2018	DAS 11-89

NIR : R-109516-6

Next Page...



ACIER OUELLETTE INC.

935, Boul. du H vre
Salaberry de Valleyfield (Qu bec) J6S 5L1
T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - CLIENT

Copy C000083853

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE T l.: 613-632-5200

Customer N 

Date

Delivery date

Your order N 

Processed by

Salesman

Carrier

Credit Terme

Net 30 Days

Page

2

Instruction F-M

Product Description

HEAT: 68259

4 FLAT SS 1/4 X 4 SS304 (R)

FSS-144 3522

2 X 12' R/L LINE 5

HEAT: 145K

Weight

Qty

U/M

81.60

24.00

PI_\$CLB

PCS NB

CMD

EXP

B/O

IN

Internal Use Only

I

S

C

OUT

DAS

11

2-89

APR 17 2018

24'

2 X

12'

Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total Weight (Lbs) : 201.93

NIR : R-109516-6

Prepared By :

Verified By :

Delivered By :

Time

Y

M

D

Total (\$CAD)

Customer's Signature

Date

Test de dureté Rockwell Rockwell Hardness Test

LES ACIERS TRANSBEC (1997) LTEE.

4054 BOUL. LE CORBUSIER # 201

LAVAL, QC

H7L5R2

commande Sapa / Sapa order # : 6010512

bon de commande / Purchase order # : OU-45179

de matrice / Die # : MS 16834

Alliage & trempage / Alloy & temper : 6061 T6 Longueur / Length : 6097 mm

Contrôle / Control # : 60686-1

Coulée / Cast # : 65215

Dureté Rockwell E /
Rockwell E hardness : 94 HRE

Min. requis /
Min. required : 88 HRE

Max. permis /
Max. permitted : 100 HRE

Composition chimique typique / Typical chemical composition :

Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.90	0.10 Max	0.10 Max	0.10 Max
0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.60	0.10 Max	0.10 Max	0.10 Max
0.66 - 0.74	0.14 - 0.28	0.08 - 0.16	0.18 - 0.26	0.46 - 0.54	0.03 Max	0.05 Max	0.05 Max
0.40 - 0.80	0.70 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.35	0.25 Max	0.15 Max
0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	—	0.20 Max	0.20 Max
6351	6061	6005A	6005	6063			

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen).

Sincèrement vôtre,
Yours truly,

date : 2016-02-19

Gilles Pelletier
Quality Technician
Technicien de la qualité

[Signature]

49666

KAISER ALUMINUM FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: 4500875969-1		CUSTOMER PART NUMBER: 160001009/EAST		PRODUCT DESCRIPTION: KAISERSELECT PRECISION ROD 1.125+/- .005	
KAISER ORDER NUMBER: 6051071	LINE ITEM: 001	SHIP DATE: 03/30/2018	KAISER LOT NUMBER: Z00238076	ALLOY: 6061	TEMPER: T6511B
WEIGHT SHIPPED: 1024.000 LB	QUANTITY: 73.000 PCS	B/L NUMBER: 622323	DIA/DIA/FTH/KNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO:		SOLD TO:			

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00238076	0001	0001	49.2	46.4	16.1	RE 93	N/A	N/A
Z00238076	0001	0002	49.0	46.2	16.2	RE 93	N/A	N/A
Z00238076	0001	0003	48.7	45.8	16.0	RE 93	N/A	N/A
Z00238076	0001	0004	49.3	46.5	16.3	RE 92	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
	.75	.25	.29	.13	.86	.09	.13	.02	.00	.00	.00	.01	.03

Applicable Requirements:

PER ASTM-B221-14, STENCILED ASME-SB221 2009 SECT II PER AMS-QQ-A-200/8A UNS# A96061 MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION = 10.0% MIN

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA
MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

Aimee L. Macnowski

15087

50587

5124

15169

RAL-58-V

TRA 2108
49676

Test de dureté Rockwell Rockwell Hardness Test

Client / Customer : LES ACIERS TRANSBEC (1997) LTEE.
Adresse / Address : 4054 BOUL. LE CORBUSIER, #201
LAVAL, QC H7L5R2

commande Sapa / Sapa order # : 6120924

bon de commande / Purchase order # : OU-47030

de matrice / Die # : MS 9907

Alliage & trempage / Alloy & temper : 6061 T6 Longueur / Length : 6097 mm

de contrôle / Control # :

82387-1
68259

de coulée / Cast # :

Dureté Rockwell E / Min. requis /
Rockwell E hardness : 89 HRE Min. required : 88 HRE
Max. permis / Max. permitted : 100 HRE

Composition chimique typique / Typical chemical composition :

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6063	0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.90	0.10 Max	0.10 Max	0.10 Max
6005	0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.60	0.10 Max	0.10 Max	0.10 Max
6005A	0.66 - 0.74	0.14 - 0.28	0.08 - 0.16	0.18 - 0.26	0.46 - 0.54	0.03 Max	0.05 Max	0.05 Max
6061	0.40 - 0.80	0.70 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.35	0.25 Max	0.15 Max
6351	0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	—	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen).

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen).

Sincèrement vôtre,

date : 2017-02-02

Yours truly,

Daniel Alfredo Pelletier
Directeur Qualité
Quality Director



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 4045-9615
(502) 347-6000

Certificate: 220090 11 Mail To:

Customer: 007050 001

Ship To:

Date: 9/21/2016 Page: 1

Steel: 304/304L

Finish: 1

Corrosion: ASTM A262/15; 180 bend OK

Your Order: 63180

NAS Order: DS 0010282 05

PRODUCT DESCRIPTION:

STAINLESS STEEL CONT. METAL FLANGE, BRAP; UNS 30400/30403
ASTM A240/15, A480/15, A666/15, A360/15, SA480/15, SA666/15
CHEM ONLY ON FOLLOWING: ASTM: A276/16, A479/16, A494/15, A312/16
CHEM ONLY ON FOLLOWING: UNS: A312/13, A479/13
AMS 5511B/5513J MARK: MIL-5059D AND 3 (K CHEM REAS); MIL-4043B
WACE BR0175/ISO 15156-3:2009 A, MB0103/07/008760-A X MAG PERM
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; RoHS 1 & 2 Compliant
Material is Free of Radioactive Contamination
Steel Making Process: EAF, AOD, & Cast. Casting
Product Mfg. by a Quality Mfg. Sys. in Conf. w/ISO 9001
Melted & Manufactured in the USA; Mat'l is DEARS Compliant
EN 10204 3.1.B

Product Id	Coil #	Std #	Thickness	Width	Weight	Length	Mark	Pieces	Commodity Code
DY4845	03145K C		.2500	50.0000	4.220	SHUVE	144.00	53	7

CHEMICAL ANALYSIS									
		CM(Country of Melt)		ES(Spain)		US(United States)		ZA(South Africa) JP(Japan)	

PO 14344

Manufacturer of Stainless Ornamental and Structural Tubing

PHOENIX TUBE COMPANY, INC.

CERTIFICATION OF TEST

Sold To:

Ship To:

CAN

CUSTOMER ORDER# P066407

CUST REF NBR:

DATE SHIPPED: 11/09/16

SIZE: 4" X 1/4" HRAP

SOURCE: USA

VENDOR: QUTOK

Specification:

CHEMISTRY THIS COLUMN:

ASTM A262-14, PRACT/E

CORROSION OK, HRAP

ASTM A484-16

ASTM A484-13

ASTM A480-14B

ASTM SA 480-13

ASTM A240-16

ASTM SA240-13

MILS 5059D AMEND 3

AMS5511J/AMS5513J

NACE MR0175/MR0103

AMS 5639H / AMS 5647J

RoHS Compliant

TYPE 304/304L DUAL CERTIFIED

UNS# 30400 / 30403

ASTM A666-15

AMS-QQ-S-763D COND A

QQ-S-766F COND A

CHEMISTRY-ONLY

Phone#

ORDER# 410861

QTY SHIPPED: 3280.0

GRADE: 304L

HEAT#: 512074

TEST REPORT#: TR013736

Report Date: 09/19/16

NO WELD: BAR

Ext:

Chemical Analysis

C	.022	MN	1.78	P	.024	S	.013	SI	.51	CR	18.02	NI	8.02	MO	.22	CU	.22	CO	NA	N2	.07	TI	NA
---	------	----	------	---	------	---	------	----	-----	----	-------	----	------	----	-----	----	-----	----	----	----	-----	----	----

Physical Analysis

YIELD		TENSILE		OTHER	
Hardness	PSI	MPA	PSI	MPA	Percent EL
RB 82	44960	310	93691	646	56
					Percent RA
					N/A

THE CHEMICAL ANALYSES ARE CORRECT AS CONTAINED IN OUR CORPORATE RECORDS.
PHYSICAL PROPERTIES ARE DETERMINED WHILE MATERIAL IS IN STRIP FORM.

Melted & MFG in USA DFARS 252.226 Subsection Compliant, FAR BAA, DFAR BAA, FAR TAA Complies

CERTIFIED BY Inventory Control Dept.

Thomas W. Lytle

1185 WIN DR, BETHLEHEM, PA, 18017 - (610) 865-5337

FAX NUMBER: 610-865-4073

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B0.250X4.000 DATE: APR 17 2018
 PO / BATCH NO.: 039606/5061731

MATERIAL CERT REC'D:	<u>Yes</u>	THICKNESS ORDERED:	<u>0.250</u>
QUANTITY RECEIVED:	<u>24'</u>	THICKNESS RECEIVED:	<u>0.250</u>
QUANTITY INSPECTED:	<u>24'</u>	SHEET SIZE ORDERED:	<u>N/A</u>
QUANTITY REJECTED:	<u>0</u>	SHEET SIZE RECEIVED:	<u>N/A</u>

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	
CORROSION	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	<input checked="" type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
				WEBSTER
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

CC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____
DATE: <u>9-89 APR 17 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
(NOTE: AISI 303 NOT ACCEPTABLE)

SPECIFICATION: ASTM A276 OR ASTM A240

PART NUMBER: M304B TTTT X WWW.WWW

WHERE "T.TTTT" = THICKNESS IN INCHES
AND "WWW.WWW" = WIDTH IN INCHES

EG. 0.5" x 3.0" BAR = M304B0.500X03.000
EG. 0.5" x 12.0" PLATE = M304B0.500X12.000

RELEASED
2010-11-30

C	REDED PLATE TO PURCHASE MATERIAL ADDED PLATE FROM "304/316 BAR" TO "304/316 BAR/PLATE"	MB	10.11.25
B	REFORMAT DWG. ADD SPECS (2N D6-1), REF PAR 09-020A	CP	09.07.15
A	NEW ISSUE	PH	05.08.10
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	10.11.25		
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DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. C SHEET 1 OF 1 SCALE NTS	
DRAWING NO. M304B		TITLE 304/316 BAR/PLATE	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____
DATE: <u>9-89 APR 17 2018</u>	DATE: _____

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
RECORD RESULTS BELOW				
HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL				
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y	
CORRECT FINISH	<input checked="" type="radio"/> Y	
CORROSION	<input checked="" type="radio"/> Y	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	
PHOTO REQUIRED	<input checked="" type="radio"/> Y	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	

MATERIAL CERT REC'D: <u>yes</u>	THICKNESS ORDERED: <u>0.625</u>
QUANTITY RECEIVED: <u>60</u>	THICKNESS RECEIVED: <u>0.625</u>
QUANTITY INSPECTED: <u>60</u>	SHEET SIZE ORDERED: <u>N/A</u>
QUANTITY REJECTED: <u>0</u>	SHEET SIZE RECEIVED: <u>N/A</u>

MATERIAL: <u>M6061H6R0.625</u>	DATE: <u>APR 17 2018</u>
PO / BATCH NO.: <u>039606/5061730</u>	

MATERIAL RECEIPT INSPECTION FORM

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/415/416)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6R/D DDD
DIA.

WHERE "D DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED
2009-09-09
MFB

REV	DESIGN	DESCRIPTION	CP	09.07.13
A	REFORMAT DWG. ADD B211& B221 SPEC (ZN DB-1).		DS	01.06.08
B	NEW ISSUE			
DESIGN		DART AEROSPACE LTD		
DRAWN		HAWKESBURY, ONTARIO, CANADA		
CHECKED		DRAWING NO.		REV. B
MFG. APPR.		M6061T6R		SHEET 1 OF 1
APPROVED		TITLE		SCALE
DE APPR.		6061-T6 ROUND BAR		NTS
DATE	09.07.13			

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: m606176R.125 DATE: APR 17 2018

PO / BATCH NO. 039606/5061729

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.125
 THICKNESS RECEIVED: 1.125
 SHEET SIZE ORDERED: 21/4
 SHEET SIZE RECEIVED: 21/4

DESCRIPTION	NCR (Check Y/N)	COMMENTS
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SURFACE DAMAGE	<input checked="" type="radio"/> Y	
CORRECT FINISH	<input checked="" type="radio"/> Y	
CORROSION	<input checked="" type="radio"/> Y	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	
PHOTO REQUIRED	<input checked="" type="radio"/> Y	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

Testers located in the Quality Office

QC 18 INSPECTION ENGINEERING SIGNOFF (if required)

INSPECTED BY: AS SIGNED OFF BY: _____

DATE: APR 17 2018

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

3
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SPECIFICATION: QA-A-225/8 OR AMS-QA-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B21

M6061T6R | D.DDD | DIA.

EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED
2009-09-09
JAF

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M60616B2.000X3.000 PO / BATCH NO.: 039606/5061728 DATE: APR 17 2018

MATERIAL CERT REC'D:	<u>Yes</u>	THICKNESS ORDERED:	<u>2.000</u>
QUANTITY RECEIVED:	<u>12'</u>	THICKNESS RECEIVED:	<u>2.000</u>
QUANTITY INSPECTED:	<u>12'</u>	SHEET SIZE ORDERED:	<u>N/A</u>
QUANTITY REJECTED:	<u>0</u>	SHEET SIZE RECEIVED:	<u>N/A</u>

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="radio"/> Y	
CORRECT FINISH	<input checked="" type="radio"/> Y	
CORROSION	<input checked="" type="radio"/> Y	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/> Y	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	
PHOTO REQUIRED	<input checked="" type="radio"/> Y	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="radio"/> Y	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="radio"/> Y	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.				
RECORD RESULTS BELOW				
HRC	HRB	DUR A	DUR D	WEBSTER

Testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u>	SIGNED OFF BY: _____
DATE: <u>11 APR 17 2018</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B | T.TTT | X | WW.WWW |

THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
2009-05-03
MAD

DESIGN	DS	DESCRIPTION	CP	09.07.13
DRAWN	DS	DRAWING NO.	DS	01.06.08
CHECKED	DS	M6061T6B	BY	DATE
MFG. APPR.	DS	TITLE		
APPROVED	DS	6061-T6 BAR		
DE APPR.	DS			
DATE	09.07.13			

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

REV B
SHEET 1 OF 1
SCALE
NTS

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